| POSITION | INITIALS | ID NO. | DATE | | | |
|---------------------------|----------|--------|---------|--|--|--|
| FEE DETERMINATION | ρς | 66621 | 2/23 | | | |
| O.I.P.E. CLASSIFIER | | 11/ | 3761 | | | |
| FORMALITY REVIEW | LJ. | Suays | 4/11/00 | | | |
| RESPONSE FORMALITY REVIEW | | | 1 // // | | | |

INDEX OF CLAIMS

| ~ | Rejected | N | Non-elected |
|---|----------------------------|-----|--------------|
| = | Allowed | - 1 | Interference |
| _ | (Through numeral) Canceled | Α | Appeal |
| ÷ | Restricted | 0 | Objected |

| Claim | | | | | | | | • | | | | | •••• | | ···· • | 1031 | | | | | | Ī |
|---|-----|----------------|----------|-----------------|----------|----------|----------|--|--|--|----------|---------|----------|---|----------|---------------|----------|----------|--------------|----------|----------|---|
| 1 J J 551 52 53 54 55 55 56 57 55 56 57 57 58 59 57 58 59 60 60 61 62 63 61 62 63 61 62 63 64 64 65 66 67 66 66 67 66 66 67 68 69 9 70 | | Cla | im | | | | | Dat | te | | | | | | Cla | im | | | | | Dat | е |
| 1 J J 551 52 53 54 55 55 56 57 55 56 57 57 58 59 57 58 59 60 60 61 62 63 61 62 63 61 62 63 64 64 65 66 67 66 66 67 66 66 67 68 69 9 70 | | Final | Original | 2stoute | shugte | 0. | | | | | | | | | Final | Original | | , | | | | |
| 3 | 1 | | 1 | | 7 | | | | | | | | | | | 51 | | | | | | |
| 4 4 4 5 6 7 7 7 7 7 7 7 7 7 7 7 | | | | / | _ | | | L | | | | | _ | | | | | | | | | L |
| 5 J J 55 56 57 58 57 58 59 59 59 60 60 60 60 61 61 62 63 63 63 63 63 64 65 66 66 66 66 66 66 66 66 66 66 66 66 67 68 68 69 69 70 71 72 72 72 73 74 72 73 74 74 72 73 74 74 72 73 74 74 72 73 74 74 74 74 74 72 73 74 | | | | $ \cdot $ | <u></u> | | | | | | | | | | | | | | | | | |
| 6 3 56 57 58 57 58 59 59 59 59 60 60 60 61 61 62 63 64 64 64 64 64 64 64 64 66 66 66 66 66 66 67 67 67 67 68 69 70 70 71 72 72 73 74 72 73 74 74 74 74 74 74 75 75 75 76 77 78 78 79 30 30 30 30 30 31 31 31 31 31 31 31 31 32 33 33 34 3 | | | | $ \mathcal{L} $ | ~ | | _ | <u> </u> | | _ | | | _ | | | | - | | | | | _ |
| 7 7 57 8 7 58 9 7 58 10 60 60 11 61 61 62 63 63 13 63 63 14 64 65 66 65 66 67 67 67 18 68 69 20 70 71 21 72 72 23 73 72 23 73 73 24 74 74 25 76 77 28 79 79 30 30 80 31 81 81 32 82 83 33 84 84 33 84 84 33 88 88 39 90 90 41 91 92 43 94 94 44 95 96 </td <td></td> <td></td> <td>-</td> <td>4</td> <td>\</td> <td>_</td> <td><u> </u></td> <td> </td> <td></td> <td>_</td> <td>Ш</td> <td></td> <td>-</td> <td></td> <td><u> </u></td> <td>-</td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> | | | - | 4 | \ | _ | <u> </u> | | | _ | Ш | | - | | <u> </u> | - | | | | _ | | |
| S | | | | 1 | _/ | _ | _ | <u> </u> | | | | _ | <u> </u> | | <u> </u> | _ | | | | _ | | |
| S | | - | | Y, | | | _ | \vdash | - | _ | | | | | | | | | | | | |
| 10 | | | _ | K | | _ | | | - | - | - | | | | | - | | | | \dashv | | |
| 11 | | } | Fig. | 8 | Ť | | - | | | | - | | \vdash | | | - | | _ | = | _ | | - |
| 12 | ٦ | • | | V | × | | \vdash | | \vdash | | | _ | \vdash | | | $\overline{}$ | | | | | | |
| 13 | , | H | | | × / | | - | | \vdash | | | | \vdash | 1 | \vdash | 62 | | | | | | |
| 15 | | \vdash | | | / | \vdash | \vdash | t | | | \vdash | | H | | <u> </u> | | | | | | | Н |
| 16 | | | 14 | T | Ĭ., | - | - | | ┢ | - | | | T | ĺ | Г | 64 | | | | | | r |
| 16 | | | 15 | | 7 | | Г | | Ì | | | - | | 1 | _ | 65 | | - | | | | Г |
| 18 68 19 70 21 71 22 72 23 73 24 75 26 76 27 78 29 80 30 81 31 82 33 84 35 83 36 86 37 88 38 86 37 88 38 89 40 90 41 91 42 92 43 94 44 95 45 96 47 98 48 98 49 99 | | | 16 | 7 | 7 | F | | | | | | | | 1 | Г | 66 | | | | | | Г |
| 18 | | | 17 | | ~ | | | | | | Г | | Γ | 1 | | 67 | | | | | | Γ |
| 20 | | | 18 | | < | | | | | | | | | | | 68 | | | | | | |
| 21 22 71 72 73 23 74 75 75 76 77 78 78 79 80 80 81 32 83 84 81 32 83 84 85 83 84 85 86 87 88 89 90 90 91 91 92 93 94 94 94 95 96 97 98 99 <t< td=""><td>3</td><td></td><td>19</td><td></td><td>V</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>69</td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | 3 | | 19 | | V | | | | | | | | | | | 69 | | | | | | |
| 22 | *** | | 20 | | | | | | | | | | | 1 | | 70 | | | | | | |
| 23 | | | 21 | | | | | | | | | | | 1 | | 71 | | | | | | |
| 24 74 25 75 26 76 27 78 28 79 30 80 31 82 33 84 35 85 36 86 37 88 38 86 87 88 39 90 40 90 41 92 43 94 44 94 45 96 46 97 48 98 99 | | | | | | | | | | | | | |] | | | | | | | | L |
| 25 | | | | | | | | | | | | | | | L | - | L | | | | | L |
| 26 76 27 77 28 78 29 79 30 80 31 82 33 84 35 85 36 86 37 88 38 87 38 89 90 90 41 91 42 92 43 94 44 94 45 96 47 98 48 99 99 | | _ | | - | _ | | L | L | _ | _ | <u></u> | | L | | | | | | L | | | L |
| 27 | | L | - | ļ | | L | L | L | <u> </u> | | <u> </u> | | L | | L. | - | L. | ļ | | <u> </u> | | L |
| 28 78 29 79 30 80 31 81 32 82 33 84 35 85 36 86 37 88 38 89 40 91 41 92 43 94 44 94 45 96 46 97 48 98 49 99 | | <u> </u> | _ | _ | 1_ | _ | L | _ | 1 | <u> </u> | L. | _ | <u> </u> | | | ₩ | <u> </u> | <u> </u> | <u> </u> | _ | | L |
| 29 | | L | - | ┞ | <u> </u> | _ | <u> </u> | ↓_ | ļ | ╙ | <u> </u> | | L | | <u></u> | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | L |
| 30 | | ļ | - | ┡ | ļ | ⊢ | ┞- | ₩ | Ļ _ | ⊢ | ļ | | ┡ | - | <u> </u> | - | ⊢ | | \vdash | <u> </u> | L | Ł |
| 31 | | <u> </u> | - | _ | | ⊢ | ┝ | \vdash | _ | ⊢ | <u> </u> | | ╀ | - | ┡ | 1 | 1 | <u> </u> | <u> </u> | | _ | ┞ |
| 32 | | <u> </u> | | _ | | - | ┝ | ┝ | \vdash | | - | H | - | 1 | \vdash | - | \vdash | _ | ⊢ | - | - | ┝ |
| 33 | | ├ | _ | - | | ┝ | ┝ | ├ | ┼- | ┝ | ╀ | ┝ | ┝ | 1 | - | +- | ╁ | ⊢ | ┢ | | ┝ | ┝ |
| 34 | | | _ | _ | \vdash | H | ┝ | \vdash | ╁ | \vdash | | ┝ | \vdash | 1 | \vdash | - | ┢╌ | - | | | | H |
| 35 | | \vdash | | - | - | H | - | ┢ | ╁ | - | H | - | ┢ | 1 | ┢ | - | ┢ | \vdash | H | \vdash | ┢ | ╁ |
| 36 | | H | _ | _ | ┢ | ┝ | ╁ | ╁╌ | ╁ | ┢ | - | ┼ | \vdash | 1 | \vdash | + | \vdash | \vdash | ┢ | | H | ╁ |
| 38 | | \vdash | - | _ | t | t | | ╁ | † | ı | | T | | 1 | - | _ | 1 | t | | | Ι | T |
| 38 | | | ⁴ | - | T | \vdash | T | T | T | - | t^- | Ι- | \vdash | 1 | — | - | Γ | T | | | \vdash | t |
| 40 | Ą. | | _ | _ | | | Γ | T | 1 | | | | T | | Г | 88 | | Γ | Г | | | T |
| 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | į | | 39 | | Γ | | Π | T | Т | | | | Τ | 1 | | 89 | | | | | | Γ |
| 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | 9 | | 40 | | Γ | Г | Π | | Τ | | П | | | 1 | Г | 90 | | | | | | Γ |
| 43 93 44 94 45 95 46 96 47 97 48 98 49 99 | ľ | \Box | 41 | Т | Г | Г | | | | | | | Τ | 1 | | 91 | Γ | | Ī | T | | Γ |
| 44 94 45 95 46 96 47 97 48 98 49 99 | | | 42 | Т | 1 | Г | Т | | | | | T | T | 1 | Г | 92 | | | | | | Γ |
| 45 | | | 43 | Γ | | Τ | | | | | | | | 1 | | 93 | Г | | Г | | | L |
| 46 | | | | | | L | | | | | | | | | | | _ | | | | | |
| 47 97 98 98 99 99 | | | - | - | | | | | | | | | | | | - | - | | | | | L |
| 48 | | | _ | _ | | Ĺ | L | L | | | | Ĺ | L | 1 | L | - | - | L | L | _ | _ | L |
| 49 99 | | | _ | _ | | | _ | L | | | \perp | L | L | 1 | | _ | _ | L | | L | L | L |
| | | _ | | | ļ | _ | <u> </u> | L | | | \perp | \perp | | 1 | <u></u> | _ | - | <u> </u> | _ | _ | L | L |
| 1901 1 1 1 1 1 1 1 1 | | | | - | <u> </u> | _ | L | ↓_ | ـ | <u> </u> | _ | _ | 1 | - | - | _ | | <u> </u> | | _ | <u> </u> | Ł |
| | | Ц_ | 150 | <u>_</u> | L | | <u>_</u> | <u> </u> | 1 | | <u> </u> | | 1 | J | L_ | рос | 1 | L | <u></u> | <u> </u> | | L |

| ed | | | | U | | | | | ••••• | | ,,00 | | | | | | | | |
|----|------------|----------|--------------|--|--------------|-----------|----------|----------|----------|------------|----------|----------|--------------|----------------|--------------|----------------|--|--|----|
| | | | Da | te | | | | | Cla | aim | | _ | | | Da | e | | | _ |
| | ; | | | | | | | | Final | Original | | | | | | | | | |
| | | | | | | | | | | 101 | | | | | | | | | |
| | Ш | | L | | | Ŀ | | | <u> </u> | 102 | | _ | | _ | | | | | |
| | | | _ | ļ | | | _ | | | 103 | | _ | | | | _ | | | |
| | | | _ | | <u> </u> | | _ | | - | 104 105 | | | | | | | | | |
| _ | Н | | _ | _ | \vdash | | - | | \vdash | _ | _ | \dashv | _ | | | \vdash | | _ | _ |
| | | | - | | - | | - | _ | - | 106 107 | \dashv | \dashv | _ | | | - | | _ | |
| | | | | | \vdash | | - | _ | - | 108 | | \dashv | _ | _ | | ┢ | | _ | - |
| | | _ | \vdash | - | - | | | | | 109 | \vdash | \dashv | | | | | | | |
| | | | | | | - | | | - | 110 | | | _ | | | | | | |
| | | _ | | | - | | | | | 111 | Ħ | | | | _ | | | Г | Г |
| | | | | | | , | | | | 112 | | | | | | | | | |
| | Г | | | | | | | | | 113 | | | | | | | | | |
| | | | | | | | | | | 114 | | | | | | | | | |
| | | | | | | | | | | 115 | | | | | L | <u> </u> | _ | <u> </u> | L |
| | | L | | <u> </u> | $oxed{oxed}$ | _ | | | | 116 | | | | | <u></u> | ļ | | | L |
| | ļ | | | <u> </u> | <u> </u> | <u> </u> | | | <u> </u> | 117 | | | | _ | _ | L | | <u> </u> | _ |
| _ | ┞ | | _ | <u> </u> | <u> </u> | <u> </u> | | _ | <u> </u> | 118 | | | | <u> </u> | L | I_ | L | _ | L |
| | <u> </u> | _ | <u> </u> | ļ | | ļ | | | <u> </u> | 119 | | | | _ | L | <u> </u> | _ | ļ | ┡ |
| | | | ļ | ļ | | | | | ļ | 120 | | | | <u> </u> | _ | _ | <u> </u> | _ | L |
| | Ļ | _ | L | <u> </u> | <u> </u> | <u> </u> | L | _ | | 121 | | | | | | <u> </u> | ļ | <u> </u> | L |
| | ــــ | _ | L | ┞ | ļ | <u> </u> | | L | \perp | 122 | | | | | _ | ļ | ļ., | _ | ┡ |
| | \vdash | - | ⊬ | ⊢ | - | <u> </u> | <u> </u> | | - | 123 | | | <u> </u> | _ | - | ļ | - | <u> </u> | ┡ |
| | ┢ | ┡ | - | ⊢ | ⊢ | - | ļ | - | - | 124 | - | | <u> </u> | - | - | — | | | ⊢ |
| _ | ├ | - | - | | ╁ | - | - | - | - | 125 126 | _ | _ | - | - | | - | | ╁ | ╁ |
| | ┢ | _ | | ╁ | + | ┢ | _ | - | - | 127 | | _ | | - | - | ┢ | - | ┢ | ╁ |
| | \vdash | \vdash | ┢ | \vdash | ╁ | ╁╌ | - | \vdash | - | 128 | | | | - | | \vdash | ╁╌ | ╁╴ | H |
| | \vdash | \vdash | \vdash | t | \vdash | | | - | | 129 | 1 | _ | - | - | ┢ | +- | ┢ | <u></u> | ╁ |
| _ | ╁ | - | ╁ | t | 1 | - | | - | - | 130 | | | - | | ┢ | \vdash | | | ╁ |
| | t | \vdash | <u> </u> | | ╁ | ╁ | Г | ┢ | | 131 | | _ | | - | T | \vdash | H | ┢ | T |
| | | | T | T | T | | Г | | | 132 | | | Г | | T | | | Г | T |
| | 1 | \Box | | Γ | | | | | | 133 | | | | | | | | | Γ |
| | | | | | | | | | | 134 | | | | | | | | | Γ |
| | L | | L | | | | L | | | 135 | | | L | L | L | | | L | L |
| | | _ | L | L | | <u> </u> | _ | _ | | 136 | | | ot | L | L | <u> </u> | ↓_ | \vdash | 1 |
| | _ | _ | \vdash | \vdash | 1 | \vdash | L | ļ | | 137 | | | L | <u> </u> | | - | | \vdash | + |
| | | <u> </u> | \vdash | - | 1 | 1 | - | \vdash | <u> </u> | 138 | | <u> </u> | \vdash | ⊢ | \vdash | \vdash | - | | + |
| | \vdash | \vdash | ╀ | \vdash | +- | ┼ | - | - | - | 139 | | - | | - | - | + | ⊢ | \vdash | + |
| | - | - | | ┼- | + | \vdash | | \vdash | <u> </u> | 140 | | _ | - | <u> </u> | ╀ | \vdash | ├- | ⊢ | +- |
| | \vdash | <u> </u> | ــ | <u> </u> | - | 1- | <u> </u> | | \vdash | 14 | | | <u> </u> | - | | - | ┡ | - | ╀ |
| | \vdash | - | ┼- | - | +- | - | \vdash | | \vdash | 142 | | \vdash | \vdash | \vdash | ╀ | - | ├ | + | ┢ |
| | ╀ | - | +- | +- | ╁ | \vdash | \vdash | \vdash | \vdash | 144 | | \vdash | \vdash | \vdash | +- | ╁ | \vdash | ╁ | ╁ |
| | ┝ | ⊢ | ╁ | \vdash | + | + | - | | \vdash | 145 | | \vdash | \vdash | \vdash | \vdash | ╁ | + | + | + |
| | +- | \vdash | +- | ╁ | + | \vdash | \vdash | \vdash | \vdash | 146 | | - | ╁╌ | - | \vdash | + | \vdash | + | + |
| | +- | ╁ | + | - | + | \vdash | \vdash | \vdash | <u> </u> | 147 | | - | ╁┈ | \vdash | \vdash | + | + | + | + |
| | + | \vdash | + | + | + | 1 | ┢ | \vdash | - | 148 | | - | | ╁ | \vdash | + | t | \vdash | t |
| | T | t | t | T | + | \dagger | T | T | | 149 | + | \vdash | \vdash | 1 | t^- | T | T | 1 | T |
| | +- | 1 | +- | T | T | T | T | t- | | 150 | | I | \vdash | 1 | † | T | | 1- | † |

BEST AVAII A

If more than 150 claims or 10 actions staple additional sheet here